Maryland State Horticultural Society
College Park, Maryland

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PROGRAM

of

Forty-Eighth Annual Meeting

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The Maryland State Horticultural Society

January 3-4
1946

Hotel Alexander
Hagerstown, Md.

NOT FRANTICALLY AHEAD *but* SOUNDLY ON TIME

General Chemical Company, as a result of intensive laboratory and field investigations aimed at product dependability and practical economy in grower use, now offers—

A Complete Line of DDT Products—

Including Advanced and Exclusive Formulations— For All Established Horticultural Applications

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PROGRAM

Forty-Eighth Annual Meeting

THE MARYLAND STATE HORTICULTURAL SOCIETY

HOTEL ALEXANDER—HAGERSTOWN, MARYLAND

JANUARY 3-4, 1946

GENERAL INFORMATION

All meetings will be held in the Ball Room, Hotel Alexander, located on Public Square.

The Program was made up entirely from growers' suggestions and requests.

Unlimited parking space or outdoor or indoor parking space or storage are available within 2 blocks of the Hotel.

Representatives of orchard supply firms will have small exhibits, located in the corridor adjoining the meeting room.

Time of discussions and appearance of speakers is not exact, but every effort will be made to follow the program as arranged.

Meetings are open to all, and discussion is invited. This is a grower's meeting. Ask questions.

Hotel Alexander is official headquarters. Other hotels—Hamilton; Colonial; Dagmar.

Blue Ridge Bus Lines connect Hagerstown with Baltimore, Washington, Cumberland, Martinsburg and Harrisburg.

Growers from anywhere are cordially invited to these meetings.

ANNUAL DINNER in Main Dining Room, Hotel Alexander, at 6:30 p. m. Thursday. Bring the ladies. GET TICKETS EARLY.

THURSDAY MORNING PROGRAM—PAGE 2

THURSDAY AFTERNOON AND EVENING PROGRAM—PAGE 8

FRIDAY MORNING PROGRAM—PAGE 12

FRIDAY AFTERNOON PROGRAM—PAGE 16

INDEX OF ADVERTISERS—PAGE 19

PROGRAM

THURSDAY MORNING, JANUARY 3

10:30—Where Do We Stand on Domestic Rates for Electricity? A Comparison of Power Rates in Orchard Cold Storage Operation.—Albert V. Krewatch, Associate Professor, Rural Electrification, University of Maryland, College Park, Maryland.

Question Box—Submitted by growers.

How many acres of peaches will a hive of bees pollinate? What about nursery stock and future plantings?

Best commercial peach ripening about 10 days before Elberta? Best freezing varieties?

What about wax-oil sprays or other materials for delaying blossoming?

Why the variable results in using deblossoming sprays?

11:00—Are We Ready for Cooperative Efforts in By-Products Manufacture?

1. Considerations in Establishing a Fruit By-Products Plant.—Lionel E. Newcomer, Manager, Berks-Lehigh Fruit Growers, Inc., Fleetwood, Pennsylvania.
2. How Cooperatives are Organized and Financed.—S. M. Thompson, President, Baltimore Bank for Cooperatives, Baltimore, Maryland.

THURSDAY AFTERNOON PROGRAM ON PAGE 8

NOTES

Begin Right. Read the Advertisements.

SPRAY FOR TWO-WAY PROTECTION

You get Two-Way Protection with a Bean Orchard Sprayer: (1) Protection against insects and diseases, and (2) Protection from high spraying costs.

Every part of a Bean Orchard Sprayer is designed and built to help you do a better and more economical job of spraying. Only modern construction can deliver dependable, high pressure performance.

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TESTED DDT PRODUCTS

LIQUID 30 DDT
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(DINITRO ORTHO CRESOL)

HY-TOX Flowable OIL EMULSION "83"
MISCIBLE (Non freeze) DORMANT OIL
MISCIBLE SUMMER OIL
SUMMER OIL "V"

ROTENONE—Sprays & Dusts—PYRETHRUM
HY-TOX Wettable SULPHUR
COPPER and SULPHUR DUSTS

A most complete line of sprays and dusts

Our field force is trained and ready to help you with your production problems.

Ask your dealer or write for information and prices.

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AND THE MEMBERS OF

THE MARYLAND
STATE HORICULTURAL SOCIETY

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PROGRAM

Thursday Afternoon, January 3

1:30—Invocation

1:35—President's Remarks—Dwight T. Walker, Mt. Airy, Maryland.
Secretary-Treasurer's Report—Albert F. Vierheller, College Park, Maryland.

Appointment of Committees.

1:50—DDT—Uses, Benefits and Limitations of This New Insecticide.
Discussion Leader—Ernest N. Cory, State Entomologist, College Park, Maryland.

DDT in Codling Moth Control—Walter S. Hough, Entomologist, Winchester Research Laboratory, Winchester, Virginia.

Our Results with DDT in Experimental Work—Edwin Gould, Associate Entomologist, University Experiment Farm, Kearneysville, West Virginia.

DDT in Insect Control in Maryland—Castillo Graham, Field Entomologist, University of Maryland, Field Laboratory, Hancock, Maryland.

A Grower's Experience with DDT in Combatting Codling Moth—Henry W. Miller, Jr., Consolidated Orchard Company, Paw Paw, West Virginia.

A Grower's Experience in Peach Borer Control with DDT—Stanley M. Fulton, Hancock, Maryland.

Phenothiazine or DDT?—Harvey B. Raffensperger, Fruit Grower, Arendtsville, Pennsylvania.

Question Box—Submitted by Growers

Can tarnished plant bug and European red mite be controlled commercially?

Describe best control for peach tree borer and San Jose scale.

What's new in curculio control?

Are open flame traps effective in codling moth control? What about attractants?

Which is best for Oriental moth control—parasites or DDT?

Thursday Evening, January 3

6:30—ANNUAL DINNER—Main Dining Room, Hotel Alexander
Music Entertainment

Dinner Speaker—Dr. Francis Harvey Green, The Pennington School, Pennington, N. J.

Topic—"Together"

FRIDAY MORNING PROGRAM ON PAGE 12

Get Dinner Tickets Early.

Harvested by Hail

USUALLY, the man who suffers most from hail is the man who thinks his farm will not be hit. He thinks his farm is immune from hail, so he leaves his crops unprotected.

He spends long hours planning and working on his crops. He invests hard earned money for labor, seed, fertilizer, and other necessary material. Then when his crops are coming along in fine shape and he is beginning to feel confident about a good year, a sudden hailstorm robs him of everything.

It happens to thousands of farmers every year. It can happen to you if you are content in the belief that it always hails on the other fellow's farm. Maybe you will be the other fellow this year!

In these days of high production costs and high prices, it's just good business judgement to protect your expected income with a sound, sensible Hail Insurance Policy. Buy Hail Insurance this year!

For complete information write to G. L. Booker, Supt., Hail Department, 90 John Street, New York 7, N. Y. No obligation.

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PROTECTING FARMERS FOR MORE THAN A QUARTER OF A CENTURY

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Manufacturer of

FRUIT AND VEGETABLE PACKAGES

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Delay May Not Pay. Better Order Now.

HIGH YIELD—
LOW COST

1. Koppers Flotation Sulphur Paste protects the young leaves so they will grow to full maturity. The more luxurious foliage brings a larger annual yield of quality fruit.

2. The finer the particles, the greater the adherence you get. The extreme fineness of Koppers Flotation Sulphur Paste assures the greatest degree of surface covering.

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Pittsburgh 19, Pa.

PROGRAM

FRIDAY MORNING, JANUARY 4

9:30—The Growers' Responsibility in Supporting the Various Service Organizations—Stanley M. Fulton, Fruit Grower, Hancock, Maryland.

9:45—The Orchard Outlook for 1946. What Can We Do About It?—Paul E. Nystrom, Deputy Director of Farm Labor, University of Maryland Extension Service, College Park, Maryland.

10:15—Aims of The Food Producers' Council—Phil C. Turner, President, Baltimore, Maryland.

10:45—Reports of Committees

Question Box—Submitted by Growers

How control peach brown rot? Bacterial spot?

Is 1-75 lime-sulfur too weak to control apple scab?

Compare zinc hydrate with lime as a safener. Can more lead be used with zinc hydrate?

Why not use 4 pounds of lead in all early sprays instead of 3 pounds?

FRIDAY AFTERNOON PROGRAM ON PAGE 16

NOTES

Have Any Questions? Ask Them Now.

Buy Pennsylvania Grown

FRUIT TREES

GROWN HERE IN ADAMS COUNTY BEST FRUIT SOIL—WE OFFER A COMPLETE LINE OF ALL LEADING VARIETIES OF FRUITS GROWN AND SOLD DIRECT FROM THE NURSERY TO THE PLANTER.

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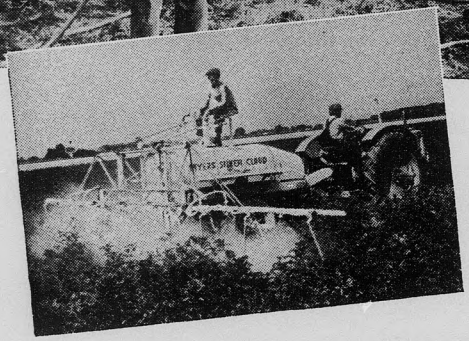

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Order Now. Have It When Needed?

PROGRAM

FRIDAY AFTERNOON, JANUARY 4

1:30—Question Box—Submitted by Growers
May growers burn brush at any other time than 4 P. M. to midnight?

Can honeysuckle and poison ivy be controlled practically?
Is our present spraying equipment soon to become obsolete?
Outline best soil treatment for peach orchards.

1:45—Handling Orchard Soils and Cover Crops in Northern Maryland—Charles O. Dunbar, Research Associate, University of Maryland Field Laboratory, Hancock, Maryland.

2:15—Some Observations on the Present and Future of the Fruit Industry—Truman Nold, Executive Secretary, National Apple Institute, Washington, D. C.

ADJOURNMENT

NOTES

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Choose Hardie

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The Hardie V-6 Pump is the largest spray pump built today. It delivers 80 gallons per minute at 1000 pounds pressure per square inch.

• Today Hardie is building more sprayers than ever before to meet the demand from growers for tested and proved spraying equipment. Huge Hardie V-6 Pumps were selected for the world's biggest spray job (name on request). The same advantages are enjoyed by all Hardie owners because every Hardie pump, regardless of size, is identical in design, operating principle, material and workmanship. All models and sizes are now in production. Write for catalog.

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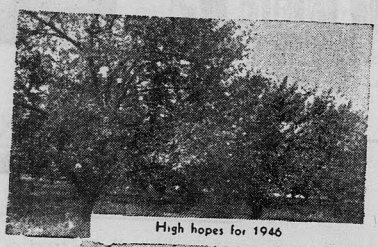
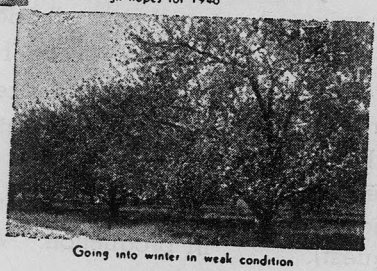


High hopes for 1946

In many sections, the 1945 season posed a lot of tough problems for the grower. The wiser ones gave more attention to the trees than the crop seemed to warrant. Their trees go into the winter giving fine promise for next season



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We recommend early inspection and planning of an ORTHO program for your orchard.

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ANNUAL MEETING
Maryland Farm Bureau
Maryland Agricultural Society and Affiliated Organizations
January 9, 10, 11, 1946

Maryland Horticultural Council
January 9, 1946

Apple Exhibit. Potato and Corn Show
January 9-10, 1946

All These Events To Be Held at
Lord Baltimore Hotel, Baltimore

Read the Advertisements Again.

YOUR SOCIETY OFFICERS

HAVE TRIED TO MAKE THESE MEETINGS

INTERESTING AND INSTRUCTIVE

THE AIM OF THE SOCIETY IS TO ENCOURAGE

BETTER FRUIT GROWING AND TO FURTHER

THE UNITED EFFORTS AND ACTION OF GROWERS

IN SOLVING THE CULTURAL, ECONOMIC AND

LEGISLATIVE PROBLEMS COMMON TO THE

FRUIT GROWING INDUSTRY.

MARYLAND STATE HORTICULTURAL SOCIETY

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Director to State Farm Bureau—Marshall T. Heaps, Cardiff.

Delegates to State Farm Bureau—E. D. McCain, Frederick; D. E. Rinehart, Smithsburg.

Directors to Appalachian Apple Service—E. D. McCain, Frederick; Lloyd Balderston, Colora; G. Wm. Gardenhour, Smithsburg; W. T. Delaplaine, Frederick; S. M. Fulton, Hancock.

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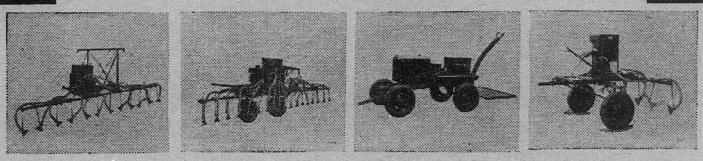

PROTECTING crops from the inroads of insects and diseases pays large profits in increased production. An ounce of prevention, even before the sap rises and when trees are dormant, and when the first green leaves of vegetable crops begin to sprout, pays orchardists and crop growers large dividends. And these preventative measures carried out during the growing season insure a bumper crop for marketing and canning.

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PRATT'S 25% DDT is the long looked for answer to codling moth control. Add 2 pints per 100 gallons to the regular cover sprays. Also effective against such serious pests as leaf roller and oriental peach moth.

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Pratt's 25% DDT is DDT in its most versatile and valuable form. It is also diluted in 4 parts of water for treatment of barns, dairies, etc., for fly control.

D-X SPRAY contains more rotenone and pyrethrum than pre-War D-X—a most successful spray—in addition it contains 5% DDT. DDT—most valuable against certain pests—is not effective against red mite, pear psylla, curculio or heavy infestations of aphis. The rotenone and pyrethrum in D-X spray makes up for this deficiency without losing the value of DDT.

Use 1½ pints D-X Spray per 100 gallons added to the regular cover sprays for codling moth, leaf roller and pests for which DDT is recommended. It is especially valuable in areas where red mite and aphis are serious.

PRATT'S 50% Dry Wettable DDT is a handy form of DDT for uses where DDT is recommended. It may be diluted in the spray tank for the various formulations suggested by the Experiment Stations, or used as a dust with the proper carrier. Two pounds of Pratt's 50% Dry Wettable DDT in 100 gallons of water makes a 1% DDT spray. Packed in 50 pound containers. Ask your dealers for these Pratt's DDT products or write us.

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